

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A refrigerating machine oil, comprising:

a mineral oil; and

a phosphorothionate and a phosphorous-based additive other than said

phosphorothionate;

wherein a nitrogen content in the mineral oil is no more than 20 ppm by mass,

and;

wherein a percentage of aromatic ring structure ($\%C_A$) in the mineral oil is from 8

to 15,

wherein a sulfur content in the mineral oil is no more than 75 ppm by mass, and

wherein the phosphorus-based additive other than the phosphorothionate is at

least one phosphorus compound selected from ~~phosphoric acid esters~~, acidic

phosphoric acid esters, amine salts of acidic phosphoric acid esters, chlorinated

phosphoric acid esters, and phosphorous acid esters.

2. (Cancelled).

3. (Cancelled).

4. (Previously Presented) The refrigerating machine oil according to claim 1,

wherein the mineral is obtained by hydrotreatment.

5. (Previously Presented) The refrigerating machine oil according to claim 1,

wherein the mineral is obtained by hydrorefining.

6. (Previously Presented) The refrigerating machine oil according to claim 1, wherein the mineral oil is not less than 90% by mass with respect the total weight of the refrigerating machine oil.

7. (Previously Presented) The refrigerating machine oil according to claim 1, wherein an amount of the phosphorothionate is 0.01 to 5.0% by mass and an amount of the phosphorus-based additive other than the phosphorothionate is 0.01 to 5.0% by mass with respect to the total amount of the refrigerating machine oil.

8. (Previously Presented) A refrigerating machine oil, comprising:

a mineral oil;

wherein a nitrogen content in the mineral oil is no more than 20 ppm by mass,

a percentage of aromatic ring structure($\%C_A$) in the mineral oil is from 8 to 15,

a sulfur content in the mineral oil is no more than 75 ppm by mass, and

a kinematic viscosity of the mineral oil at 40°C is 3-200 mm²/s.

9. (Previously Presented) The refrigerating machine oil according to claim 8, wherein the refrigerating machine oil further comprises a phosphorothionate and a phosphorous-based additive other than said phosphorothionate.

10. (Previously Presented) The refrigerating machine oil according to claim 8, wherein the mineral is obtained by hydrorefining.

11. (Previously Presented) The refrigerating machine oil according to claim 8, wherein the mineral oil is not less than 90% by mass with respect to the total amount of the refrigerating machine oil.

12. (Previously Presented) The refrigerating machine oil according to claim 9, wherein an amount of the phosphorothionate is 0.01 to 5.0% by mass and an amount of

phosphorus-based additive other than the phosphorothionate is 0.01 to 5.0% by mass
with respect the total weight of the refrigerating machine oil.